

Converting Colors

XYZ(58.2597, 60.7215, 66.0258)

Have a look what the booklet for
XYZ(58.2597, 60.7215, 66.0258)
contains.

XYZ(58.2241, 60.8108, 65.7957)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(58.2241, 60.8108,
65.7957)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCCCC
RGB	207, 204, 204
RGB Percent	81%, 80%, 80%
CMY	0.1882, 0.2000, 0.2000
CMYK	0.00, 0.01, 0.01, 0.19
HSL	0°, 3%, 81%
HSV	0°, 1%, 81%
XYZ	58.2241, 60.8108, 65.7957
YIQ	204.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

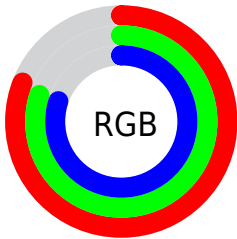
Format	Color
R _Y B	207, 204, 204
Decimal	13618380
CIE Lab	82.28, 1.04, 0.36
CIE LCh	82, 1.096, 18.977
Yxy	60.8108, 0.3150, 0.3290
Android (android.graphics.Color)	4291808460 (0xFFCFCCCC)
YUV	204.8970, -0.4422, 1.8443
Hunter-Lab	77.9813, -3.1916, 4.5617

Details

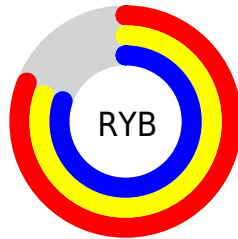
The XYZ color **58.2241, 60.8108, 65.7957** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4772, 61.9672, 67.9111**, and the grayscale version is **57.9663, 60.9850, 66.4127**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.5482, 30.7870, 33.2393** is the 20% darker color. If you saturate the color by 10%, you get **51.3127, 50.7001, 52.0460**, and if you desaturate by 10%, it is **66.1214, 72.3635, 81.5035**.

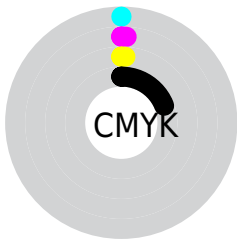
Distribution



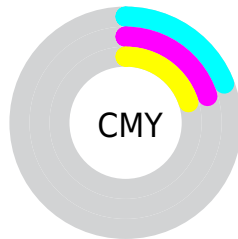
- Red (81%)
- Green (80%)
- Blue (80%)



- Red (81%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2241, 60.8108, 65.7957 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 58.2241, 60.8108, 65.7957 by changing the saturation by 10% instead.

■ 58.2241, 60.8108,
65.7957

■ 58.2241, 60.8108,
65.7957

407.9609,
427.5799, 464.0301

■ 42.2328, 44.0725,
47.6511

101.3702,
106.0049, 114.8173

■ 29.4755, 30.7275,
33.1927

129.2557,
135.2296, 146.5313

■ 19.5869, 20.3914,
22.0018

161.8367,
169.3851, 183.6057

■ 12.2017, 12.6799,
13.6599

199.4785,
208.8559, 226.4588

■ 6.9543, 7.2085,
7.7484

242.5465,
254.0264, 275.5093

■ 3.4796, 3.5928,
3.8489

291.4059,

■ 1.4122, 1.4485,

305.2810, 331.1756

1.5428

346.4223,
363.0040, 393.8764

■ 0.2649, 0.2521,
0.2495

■ 0.0000, 0.0000,
0.0000

■ 58.2241, 60.8108,
65.7957

■ 58.2241, 60.8108,
65.7957

■ 51.3127, 50.7001,
52.0460

■ 66.1214, 72.3635,
81.5035

■ 45.3435, 41.9672,
40.1739

■ 75.0357, 85.4034,
99.2378

■ 40.2773, 34.5551,
30.0992

■ 79.5425, 92.0056,
108.1743

■ 36.0702, 28.3993,
21.7344

■ 32.6746, 23.4304,
14.9845

■ 30.0382, 19.5720,
9.7455

■ 28.1027, 16.7387,
5.9011

■ 26.8013, 14.8330,
3.3183

■ 26.0543, 13.7384,
1.8381

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.2403, 60.8108, 66.4586



58.2241, 60.8108, 65.7957



58.0938, 60.8108, 65.2481

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.2241, 60.8108, 65.7957



57.4611, 60.8108, 65.3729



57.7131, 60.8108, 67.4817

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58.2241, 60.8108, 65.7957



58.4772, 61.9672, 67.9111

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.5049, 60.8108, 67.1867



58.2241, 60.8108, 65.7957



57.3596, 60.8108, 65.9673

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.2241, 60.8108, 65.7957



57.6531, 60.8108, 65.0051



57.3757, 60.8108, 66.6313



57.9448, 60.8108, 67.4350

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.2241, 60.8108, 65.7957



57.9599, 60.8108, 65.0206



57.3757, 60.8108, 66.6313



57.6381, 60.8108, 67.4191

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58.2258, 60.8134, 65.7970

95.0500, 100.0000, 108.9000



58.5884, 60.9571, 67.7103



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.2258, 60.8134, 65.7970



92.6360, 96.4687, 104.0982



58.5832, 61.5282, 65.9162



12.9909, 13.5382, 14.6185



16.2146, 8.3621, 0.7594



0.9070, 0.4684, 0.0426

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58.4772, 61.9672, 67.9111



93.1966, 99.0417, 108.8127



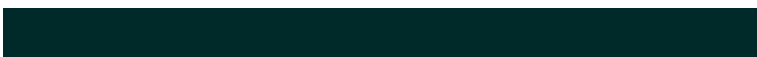
58.1164, 61.2456, 67.7908



13.0640, 13.8736, 15.2330



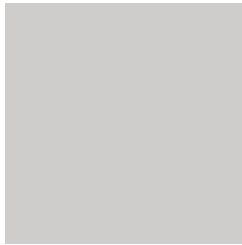
21.1172, 30.8810, 42.0401



1.1811, 1.7275, 2.3507

Previews

White Background



This preview shows how the XYZ color 58.2241, 60.8108, 65.7957 looks on a white background.

Color Contrast Check

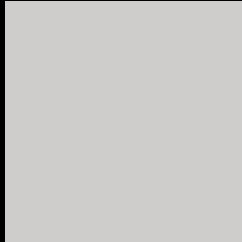
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 58.2241, 60.8108, 65.7957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

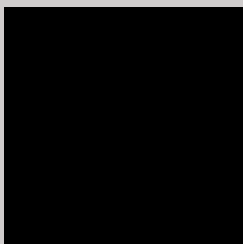
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

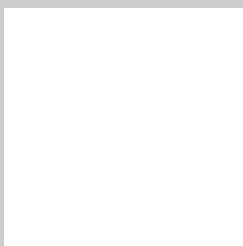
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2241, 60.8108, 65.7957

Background



This preview shows how black text looks on a background with the XYZ color 58.2241, 60.8108, 65.7957.

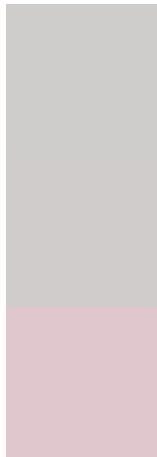


This preview shows how white text looks on a background with the XYZ color 58.2241, 60.8108,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

58.2241, 60.8108, 65.7957

Protanopia

58.5044, 60.9553, 65.8088

Deuteranopia

61.9540, 60.6432, 66.1976



Tritanopia

60.0699, 60.8583, 74.9105

Trichromacy



Original Color

58.2241, 60.8108, 65.7957

Protanomaly

58.5044, 60.9553, 65.8088

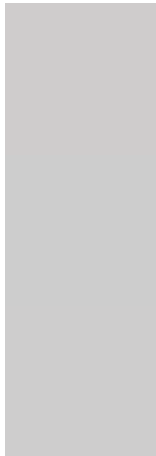
Deuteranomaly

60.5872, 60.6218, 66.2655

Tritanomaly

59.3786, 60.9259, 71.5811

Monochromacy



Original Color

58.2241, 60.8108, 65.7957

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.3044, 61.1922, 66.4959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2241, 60.8108, 65.7957 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(207, 204, 204) looks like.

```
.text, #text, p{  
    color:rgb(207, 204, 204)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(207, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 204, 204) }
```

Border

The CSS property to change the border of an element to XYZ 58.2241, 60.8108, 65.7957 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 204, 204) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(207, 204, 204) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(207, 204, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(207, 204,  
204) }
```


Background

The CSS property to change the background color of an element to XYZ 58.2241, 60.8108, 65.7957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 204, 204) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(207,  
204, 204) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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